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Substitute for Form 1449/PTO				Complete if Known¹		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application Number	10/618,234	
				Filing Date	July 11, 2003	
				First Named Inventor	Dair, et al.	
				Art Unit	2874	
				Examiner Name	Unassigned	
				Attorney Docket Number	003918.P014D	
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U.S. PATENT DOCUMENTS						
Exam. Initial ²	Cite No. ¹	Document Number		Patented Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
hmb		1,661,535		03/06/1928	Haddock	
		1,765,443		06/24/1930	Peterson	
		1,875,968		09/06/1932	Weeber	
		1,955,648		04/17/1934	Nickler	
		2,062,256		11/24/1936	Del Camp	
		2,065,651		12/29/1936	Burton	
		2,133,789		10/18/1938	Pool	
		2,169,962		08/15/1939	Del Camp	
		2,219,941		10/29/1940	Rochow	
		2,317,813		04/27/1943	Schoenborn	
		2,321,587		06/15/1943	Davie, et al.	
		2,349,440		05/23/1944	Lavoie	
		2,447,380		08/17/1948	Wenger	
		2,477,267		07/26/1949	Robinson	
		2,488,710		11/22/1949	Cooper	
		2,520,725		08/29/1950	Judd	
		2,531,911		11/28/1950	Johnson	
		2,604,507		07/22/1952	Tyson	
		2,629,764		02/24/1953	Wiley	
		2,704,301		03/15/1955	Feketics	

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		Country Code ² -Number ¹ -Kind Code ² (if known)						

Examiner Signature	Hae Moon Byeon	Date Considered	2-7-05
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U.S. PATENT DOCUMENTS					
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hmb		2,753,390	07/03/1956	Feketics	
		2,762,990	09/11/1956	Kielsenstien	
		2,783,295	02/26/1957	Ewing	
		2,790,153	04/23/1957	Arson	
		2,793,245	05/21/1957	Dunn	
		2,800,698	07/30/1957	Wood	
		2,825,042	02/25/1958	Tollefson, et al.	
		2,844,644	07/22/1958	Boule, Jr.	
		2,853,541	09/23/1958	Lindgren	
		2,872,139	02/03/1959	Bedford, Jr.	
		2,876,275	03/03/1959	Schulz	
		2,974,183	03/07/1961	Kes, et al.	
		2,978,531	04/04/1961	Appleman	
		3,019,281	01/30/1962	Hartwell	
		3,026,367	03/20/1962	Hartwell	
		3,052,821	09/04/1962	Scoville	
		3,056,942	10/02/1962	Carbaugh et al.	
		3,099,506	07/30/1963	Tuchel	
	3,128,138	04/07/1964	Noschese		
	3,217,085	11/09/1965	Lindgren		

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

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h.m.h.		3,234,318	02/08/1966	Lieshout, et al.	
		3,270,252	08/30/1966	Iversen	
		3,277,230	10/04/1966	Stickney, et al.	
		3,300,687	01/24/1967	Hennessey	
		3,304,360	02/14/1967	Hadley, et al.	
		3,305,623	02/21/1967	Bakker, et al.	
		3,311,792	03/28/1967	Scoville	
		3,340,587	09/12/1967	Bayer	
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		3,366,918	01/30/1968	Johnson, et al.	
		3,368,150	02/06/1968	Worcester	
		3,370,140	02/20/1968	Betts	
		3,385,970	05/28/1968	Coffin, Jr. et al.	
		3,407,261	10/22/1968	Donath, et al.	
		3,413,406	11/26/1968	Plummer	
		3,423,670	07/21/1969	Parker, et al.	
		3,426,140	02/04/1969	Templeton	
		3,436,467	04/01/1969	Smith, Jr.	
✓		3,474,385	10/21/1969	Cefarelli, et al.	
		3,234,318	02/08/1966	Knowles	

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hnh		3,475,657	10/28/1969	Knowles	
		3,487,186	12/30/1969	Johnson, et al.	
		3,504,095	03/31/1970	Roberson, et al.	
		3,506,877	04/14/1970	Owen	
		3,524,137	08/11/1970	Redfield, et al.	
		3,535,676	10/20/1970	Schultz, Sr.	
		3,536,820	10/27/1970	Stevens, et al.	
		3,546,359	12/08/1970	Ciccarelli	
		3,555,168	01/12/1971	Frykberg	
		3,566,336	02/23/1971	Johnson, et al.	
		3,569,915	03/09/1971	Sorensen, et al.	
		3,594,490	07/20/1971	Mitchell, et al.	
		3,617,611	11/02/1971	Kuether	
		3,627,900	12/14/1971	Robinson	
		3,659,251	04/25/1972	Fish	
		3,670,292	07/13/1972	Tracy	
		3,721,746	03/20/1973	Knappenberger	
		3,784,233	01/08/1974	Hilbert	
✓		3,816,911	06/18/1974	Knappenberger	
		3,825,874	07/23/1974	Peverill	

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hwh		3,852,700	12/03/1974	Haws	
		3,854,107	12/10/1974	Tucto, et al.	
		3,864,011	02/04/1975	Huber	
		3,871,735	03/18/1975	Herrmann, Jr.	
		3,878,397	04/15/1975	Robb, et al.	
		3,883,715	05/13/1975	Gebo	
		3,885,084	05/20/1975	Kaiserswerth, et al.	
		3,889,043	06/10/1975	Jean Ducros	
		3,904,810	09/09/1975	Kraus	
		3,907,396	09/23/1975	Huber	
		3,909,726	09/30/1975	Dobrovolny, et al.	
		3,914,001	10/21/1975	Nelson, et al.	
		3,922,056	11/25/1975	Murawski, et al.	
		3,944,317	03/16/1976	Oberdiear	
		3,952,152	04/20/1976	Lill, et al.	
		3,962,550	06/08/1976	Kaiserswerth	
		4,012,042	04/30/1991	Summach	
		4,018,989	04/19/1977	Snyder, et al.	
		4,020,430	04/26/1977	Vander Heyden	
		4,037,009	07/19/1977	Severinsen	

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					First Named Inventor:	Dair, et al.
					Art Unit	2874
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hmh		4,053,199	10/01/1977	Hollyday, et al.		
		4,110,552	08/29/1978	Lombardi		
		4,111,513	09/05/1978	Thurston, et al.		
		4,115,655	09/19/1978	Prentice		
		4,138,711	02/06/1979	Bremenour, et al.		
		4,148,543	04/10/1979	Shores		
		4,149,027	04/10/1979	Asher, et al.		
		4,176,897	12/04/1979	Cameron		
		4,215,796	08/05/1980	Johnson, et al.		
		4,217,019	08/12/1980	Cameron		
		4,218,578	08/19/1980	Olschewski, et al.		
		4,226,491	10/07/1980	Kazama, et al.		
		4,227,037	10/07/1980	Layton		
		4,255,015	03/10/1981	Adams, et al.		
		4,265,506	05/05/1981	Holyday		
		4,300,016	11/10/1981	Bergeron, et al.		
		4,322,572	03/30/2002	Snyder		
		4,325,103	04/13/1982	Ito, et al.		
		4,331,285	05/25/1982	Gottwals		
		4,334,259	06/08/1982	Edwards		

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hsh		4,337,989	07/06/1982	Asick, et al.	
		4,345,808	08/24/1982	Ingham	
		4,380,359	04/19/1983	Hoffman, et al.	
		4,381,129	04/26/1983	Knez	
		4,384,165	05/17/1983	Loving, Jr. et al.	
		4,384,368	05/17/1983	Reosenfeldt, et al.	
		4,386,814	06/07/1983	Asick	
		4,389,080	06/21/1983	Clark et al.	
		4,396,795	08/02/1983	Bogner	
		4,398,780	08/16/1983	Novotny, et al.	
		4,399,317	08/16/1983	Van Dyk, Jr.	
		4,399,318	08/16/1983	Waters	
		4,399,487	08/16/1983	Neumann	
		4,401,355	08/30/1983	Young	
		4,404,617	09/13/1983	Ohyama, et al.	
		4,406,514	09/27/1983	Hillegonds, et al.	
		4,420,201	12/13/1983	Stephenson	
		4,427,879	01/24/1984	Becher, et al.	
		4,447,492	05/08/1984	McKaveney	
		4,457,575	07/03/1984	Davis, et al.	

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hmb		4,457,576	07/03/1984	Cosmos, et al.	
		4,470,660	09/11/1984	Hillegonds, et al.	
		4,486,059	12/04/1984	Deyoung	
		4,490,002	12/25/1984	Fowler	
		4,491,981	01/01/1985	Weller, et al.	
		4,500,159	02/19/1985	Briones, et al.	
		4,506,837	03/26/1985	Cosmos, et al.	
		4,512,618	04/23/1985	Kumar	
		4,514,686	04/30/1985	Waggoner	
		4,516,815	05/14/1985	Venable, et al.	
		4,518,209	05/21/1985	Negley	
		4,521,062	01/04/1985	Kurbikoff, et al.	
		4,531,176	07/23/1985	Beecher, II	
		4,537,458	08/27/1985	Worth	
		4,550,960	11/05/1985	Asick, et al.	
		4,554,400	11/19/1985	Schmalz	
		4,567,317	01/28/1986	Ehrlich, et al.	
		4,571,012	02/18/1986	Bassler, et al.	
		4,572,921	02/25/1986	May, et al.	
		4,595,839	06/17/1986	Braun, et al.	

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hmk		4,596,048	06/17/1986	Dunk-Jacobs	
		4,601,527	07/22/1986	Lemke	
		4,602,164	07/22/1986	Gore, III, et al.	
		4,609,104	09/2/1986	Kasper, et al.	
		4,614,836	9/30/1986	Carpenter, et al.	
		4,623,752	11/18/1986	Steen, et al.	
		4,647,148	03/3/1987	Katagiri	
		4,659,869	04/21/1987	Busby	
		4,684,762	08/4/1987	Gladfelter	
		4,737,008	04/12/1988	Ohyama, et al.	
		4,756,593	07/12/1988	Koakutsu, et al.	
		4,767,345	08/30/1988	Gutter, et al.	
		4,780,570	10/25/1988	Chuck	
		4,803,306	02/07/1989	Malmquist	
		4,808,115	02/28/1989	Norton, et al.	
		4,812,137	03/14/1989	Wilson, et al.	
		4,820,885	04/11/1989	Lindsay	
		4,823,235	04/18/1989	Suzuki, et al.	
		4,829,432	05/09/1989	Hershberger, et al.	
✓		4,840,451	06/20/1989	Sampson, et al.	

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Jm h		4,952,752	08/28/1990	Roun	
		4,963,098	10/16/1990	Myer, et al.	
		4,967,311	10/30/1990	Ferchau, et al.	
		4,977,329	12/11/1990	Eckhardt, et al.	
		4,979,787	12/25/1990	Lichtenberger	
		4,990,094	02/05/1991	Chandler, et al.	
		4,991,062	02/05/1991	Nguyengoc	
		5,001,297	03/19/1991	Peregrin, et al.	
		5,005,939	04/09/1991	Arvanitakis, et al.	
		5,006,667	04/09/1991	Lonka	
		5,012,042	04/30/1991	Summach	
		5,015,802	05/14/1991	Chi	
		5,029,254	07/02/1991	Stickney	
		5,037,331	08/06/1991	Goodman, et al.	
		5,039,194	08/13/1991	Block, et al.	
		5,043,534	08/27/1991	Mahulikar, et al.	
		5,045,635	09/03/1991	Kapol, et al.	
		5,047,835	09/10/1991	Chang	
	5,069,522	12/03/1991	Block, et al.		
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Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/618,234
				Filing Date	July 11, 2003
				First Named Inventor:	Dair, et al.
				Art Unit	2874
				Examiner Name	Unassigned
Sheet	12	of	19	Attorney Docket Number	3918P014D
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Exam. Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Patented Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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				Application Number	10/618,234
				Filing Date	July 11, 2003
				First Named Inventor:	Dair, et al.
				Art Unit	2874
				Examiner Name	Unassigned
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				Filing Date	July 11, 2003
				First Named Inventor:	Dair, et al.
				Art Unit	2874
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U.S. PATENT DOCUMENTS					
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hmh		5,534,662	07/09/1996	Peacock, et al.	
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				Application Number	10/618,234
				Filing Date	July 11, 2003
				First Named Inventor:	Dair, et al.
				Art Unit	2874
				Examiner Name	Unassigned
				Attorney Docket Number	39 18P014D
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U.S. PATENT DOCUMENTS					
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